

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,826,344 B2  
DATED : November 30, 2004  
INVENTOR(S) : Shimada et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

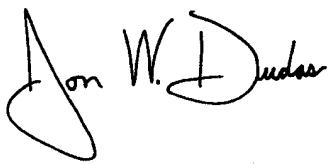
Item [56], **References Cited**, FOREIGN PATENT DOCUMENTS,  
“EP 0 964 305” reference, delete “11/1994” and insert -- 12/1999 --  
OTHER PUBLICATIONS, “Najafi, S.I., et al.” reference, “Sol-Gel Glass Waveguide  
and Grating On Silicon”, delete “Lightware” and insert -- Lightwave --

Column 12,

Line 12, before “material” insert -- a --  
Line 12, after “than” insert -- that --  
Line 14, after “wherein” delete “:” and insert -- ; --

Signed and Sealed this

Twenty-fourth Day of May, 2005



JON W. DUDAS  
Director of the United States Patent and Trademark Office